

THE UNITED STATES PATENT AND TRADEMARK OFFICE

1FW/644

Patent Application No. 10/588,323

Confirmation No. 2783

Applicant: MAGILAVY

Filing Date: February 7, 2005

TC/AU: 1644

Examiner: Unassigned

Docket No.: 253780

Customer No.: 23460

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner initial the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

Applicants also bring to the Examiner's attention the following U. S. applications, which are commonly assigned in whole or in part to Astellas US LLC and which relate to subject matter similar to that claimed in the present application. The present application claims priority to

one or more of the listed applications. Copies of the file wrappers of each application will be filed in a supplemental Information Disclosure Statement at a later date.



	U.S. APPLICA	ATIONS	STATUS			
ι	J.S. APPLICATIONS	U.S. FILING DATE	PATENT No., if Issued	PENDING	ABANDONED/ EXPIRED	
1.	60/098,456	08/31/1998			X	
2.	09/796,033	02/27/2001			X	
3.	PCT/US99/20026	08/31/1999			X	
4.	11/398,908	04/06/2006		X		
5.	60/307,688	07/24/2001			X	
6.	60/382,459	05/22/2002			X	
7.	10/484,329	07/10/2002		X		
8.	PCT/US02/21631	07/10/2002			X	
9.	60/568,371	05/04/2004			X	
10.	PCT/US05/15531	05/04/2005			X	
11.	11/578,342	05/04/2005		X		
12.	60/542,311	02/06/2004			X	
13.	PCT/US05/03907	02/06/2005			X	
14.	60/568,955	05/07/2004			X	
15.	PCT/US05/16265	05/09/2005			X	
16.	11/578,391	05/09/2005				
17.	07/667,971	03/12/1991			X	
18.	07/770,967	10/07/1991			X	
19.	PCT/US92/02050	03/12/1992			X	
20.	07/940,861	10/21/1992	5,547,853			
21.	08/459,512	06/02/1995	5,728,677			
22.	08/459,657	06/02/1995	5,914,111			
23.	08/460,132	06/02/1995	5,928,643			
24.	07/772,705	10/07/1991			X	
25.	07/850,706	03/12/1992			X	
26.	PCT/US92/08754	10/06/1992			X	
27.	08/211,631	04/05/1994			X	
28.	08/459,350	06/02/1995			X	
29.	07/770,969	10/07/1991			X	
30.	07/862,022	04/02/1992			X	
31.	PCT/US92/08755	10/06/1992			X	
32.	08/466,465	06/06/1995	6,162,432			
33.	09/730,465	12/05/2000	6,764,681			
34.	10/778,373	02/13/2004		X		
35.	11/282,853	11/18/2005		X		
36.	60/265,964	02/01/2001			X	
37.	PCT/US02/02314	08/08/2002			X	
38.	10/470,764	01/25/2002			X	
39.	10/329,599	12/26/2002			X	

	U.S. APPLICA	ATIONS	STATUS			
U.	S. APPLICATIONS	U.S. FILING DATE	PATENT No., if Issued	PENDING	ABANDONED/ EXPIRED	
40.	11/312,627	12/20/2005		X		
41.	07/057,615	06/03/1987	4,956,281			
42.	PCT/US88/01924	06/03/1988			X	
43.	07/365,107	03/20/1989			X	
44.	07/537,031	03/20/1989			X	
45.	08/381,299	01/31/1995			X	
46.	07/237,309	08/26/1988	5,185,441			
47.	PCT/89/03652	08/24/1989			X	
48.	07/959,550	10/13/1992	5,354,665			
49.	08/261,463	06/17/1994			X	
50.	08/460,243	06/02/1995			X	
51.	60/623,364	10/28/2004			X	
52.	PCT/US05/39070	10/28/2005			X	

The Information Disclosure Statement is being filed:

within any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.
after (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes <i>one</i> of:
the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
- or -
the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
after the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
after the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and within thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below). NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper

containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

Copie	s of the References									
	Copies of all of the references listed on the enclosed Form 1449 are enclosed herewith.									
\boxtimes	Copies of U.S. patents and patent applications that are listed on the accompanying Form 1449 are not enclosed herewith. Copies of other references identified on the accompanying Form 1449 are enclosed herewith.									
	For each reference not in the English language, attached is an English translation, a concise explanation of relevance, an English-language equivalent/patent, an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office pursuant to 37 CFR 1.98(a)(3).									
\boxtimes	A copy of the forei	gn search report is enclo	sed herewith.							
	The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:									
	U.S. APPLI	CATIONS	S ⁻	TATUS (check o	one)					
U	S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED					
1.										
2.										
3.	***									
Statei	Information Disclo	nereby states that each ite sure Statement was first	cited in any co	mmunication	n from a					
		e in a counterpart foreign filing of the Information			re than three					
	Information Disclo	tereby states that no item sure Statement was cited part foreign patent applic	l in a communi	cation from a	a foreign patent					

undersigned after making reasonable inquiry, no item of information contained in the

Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Statement under 37 CFR 1.704(d)

The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Fees

No fee is owed by the applicant(s).

Charge Deposit Account No. 12-1216 in the amount of \$180.00 (37 CFR 1.17(p)).

(A duplicate copy of this communication is enclosed for that purpose, unless submitted via EFS-Web.)

Authorization to Charge Additional Fees

If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose, unless submitted via EFS-Web.)

Instructions as to Overpayment

\boxtimes	Credit Account No.	12-1216.
	Refund	

Christine M. Cochran, Reg. No. 52,757 . LEYDIG, VOIT & MAYER, LTD. Two Prudential Plaza, Suite 4900 180 North Stetson Avenue Chicago, Illinois 60601-6731

(312) 616-5600 (telephone) (312) 616-5700 (facsimile)

Date: August 31, 2007

MAILING/TRANSMISSION CERTIFICATE UNDER 37 CFR 1.8 OR 1.10									
I hereby certify that this document and all accompanying documents are, on the date indicated below, being 🗌 deposited with the U.S.									
	ss Mail" service in an envelope addressed in the same manne								
	eposited with the U.S. Postal Service with sufficient postage								
manner indicated on this do	cument, or [] facsimile transmitted to the U.S. Patent and T	rademark Of	ffice at fax number: (571) 273-8300.						
Name (Print/Type)	Jeannie Rapstad								
Signature	Jannie Rapstod	Date	August 31, 2007						

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 33

<i>5</i> /	Complete if Known	
Application Number	10/588,323	
Filing Date	February 7, 2005	
First Named Inventor	MAGILAVY	
Group Art Unit	1644	
Examiner Name	Unassigned	
Attorney Docket Number	253780	

	-			U.S. PATENT DOCUMENTS		4
U.S. Patent Document			cument			Ī
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
	A1	2003/0044406	A1	Dingivan	03/06/2003	
	A2	2003/0185824	A1	Vaishnow et al.	10/02/2003 .	
	A3	2002/0009446	A1	Magilavy	01/24/2002	·
	A4	4,579,844		Rovee et al.	04/01/1986	
	A5	4,681,760		Fathman	07/21/1987	
	A6	4,738,297		Taniguchi et al.	04/19/1988	
	A7	4,738,927		Taniguchi et al.	04/19/1988	
	A8	4,816,397		Boss et al.	03/28/1989	
	A9	4,816,567		Cabilly et al.	03/28/1989	
	A10	4,833,092		Geysen	05/23/1989	
	A11	4,956,281		Wallner et al.	09/11/1990	
	A12	5,047,336	-	Cate et al.	09/10/1991	
	A13	5,116,964		Capon et al.	05/26/1992	
	A14	5,122,514		Boger et al.	06/16/1992	
	A15	5,185,441		Wallner et al.	02/09/1993	
	A16	5,190,859		Dustin et al.	03/02/1993	
	A17	5,225,538		Capon et al.	07/06/1993	
	A18	5,336,603		Capon et al.	09/09/1994	
	A19	5,547,853		Wallner et al.	08/20/1996	
	A20	5,556,943		Yamashita et al.	09/17/1996	
***************************************	A21	5,565,335		Capon et al.	10/15/1996	
	A22	5,728,677		Wallner et al.	03/17/1998	
	A23	5,730,979	-	Bazin et al.	03/24/1998	
	A24	5,817,311		Bazin et al.	10/06/1998	
	A25	5,914,111		Wallner et al.	06/22/1999	
	A26	5,928,643		Wallner et al.	07/27/1999	
	A27	5,951,983		Bazin et al.	09/14/1999	
	A28	5,952,499		Whittaker et al.	09/14/1999	
	A29	6,117,655		Capon et al.	09/12/2000	
· · · . · · · · · · · · · · · · ·	A30	6,162,432		Wallner et al.	12/19/2000	
	A31	6,270,766		Feldman et al.	08/07/2001	
·····	A32	6,337,337	B1	Buck	01/08/2002	
	A33	6,384,198	B1	Diegel et al.	05/07/2002	
	A34	6,764,681	B2	Wallner et al.	07/20/2004	

		Foreign Patent Document					Trans	slation
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No'
	B1	CA	1,326,940		Dana-Farber Cancer Institute, Inc.	Feb. 08, 1994		

A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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= .				Complete if Known			
Substitute for form 1449A/B/PTO				Application Number	10/588,323		
INFORMATION DISCLOSURE		Filing Date	February 7, 2005				
				First Named Inventor	MAGILAVY		
SIA	STATEMENT BY APPLICANT			Group Art Unit	1644		
(Use as many sheets as necessary)				Examiner Name	Unassigned		
Sheet	2	of	33	Attorney Docket Number	253780		

	T . 1	F	oreign Patent Documen	t			Trans	lation
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No.
	B2	CA	1,338,078	†	Michael, Jacob Gabriel	Feb. 20, 1996		
	В3	CA	2,120,500	1	The General Hospital Corporation	Apr. 15, 1993		
	B4	EP	0 200 412	A2	The Board of Trustees of the Leland Stanford Junior University	Dec. 10, 1986		
	B5	EP	0 260 880	A2	Dana-Farber Cancer Institute, Inc.	Mar. 23, 1988		
	B6	EP	0 280 578	A2	Dana Farber Cancer Institute	Aug. 31, 1988		
	B7	EP	0 314 317	B1	Genentech, Inc.	Mar. 5, 1989		
	B8	EP	0 325 262	B1	The General Hospital Corporation	Mar. 16, 1994		
	B9	EP	0 325 266	A2	ESPE Stiftung & Co Produktions- und Vertriebs KG	Jul. 26, 1989		X-
•	B10	EP	0 345 466	A2	Eastman Kodak Company	Dec. 13, 1989		
	B11	EP	0 368 684	B2	Medical Research Council	May. 16, 1990		
	B12	EP	0 503 646	A1	Biogen, Inc.	Sep. 16, 1992		
	B13	EP	0 503 648	A1	Biogen, Inc.	Sep. 16, 1992		
	B14	EP	0 517 174	B1	Kanegafuchi Kagaku Kogyo Kabushiki Kaisha	Dec. 9, 1992		
	B15	EP	0 607 332	B1	Biogen, Inc.	Dec. 17, 1997		
	B16	· EP	0 626 447	A1	Bristol-Myers Squibb Company	Nov. 30, 1994		
	B17	EP	1 637 155	A1	Biogen Idec MA Inc.	Mar. 22, 2006		
	B18	JP	1-502875	T2	Medical Research Council	Oct. 24, 1990		
	B19	JP	2-503269	T2	The Trustees of Columbia University in the City of New York Smithkline Beckman Corporation	Oct. 11, 1990		
	B20	JP	7-502495	T2	Biogen, Inc.	Mar. 16, 1995		X
	B21	JP	2-501113	T2	Dana-Farber Cancer Institute, Inc.	Apr. 19, 1990		×
·	B22	JP	63-233917	T2	Cosmo Kaihatsu KK	Sep. 29, 1988		
	B23	wo	88/06592	A1	Dana Farber Cancer Institute	Sep. 7, 1988		
	B24	WO	88/07089	A1	Medical Research Council	Sep. 22, 1988		
	B25	wo	88/09820	A1	Biogen N.V. et al.	Dec. 15, 1988		
	B26	WO	89/02922	A1	Genentech, Inc.	Apr. 6, 1989		
	B27	WO	89/07452	A1 .	Medical Research Council	Aug. 24, 1989		
	B28	WO	90/02181	A1	Biogen, Inc.	Mar. 8, 1990		
	B29	WO	90/07517	.A1	The Salk Institute for Biological Studies	Jul. 12, 1990		
	B30	WO	90/08187	A1	Dana Farber Cancer Institute	July 26, 1990		
	B31	WO	90/09195	A1	Celltech Limited	Aug. 23, 1990		L
	B32	WO	90/12099	A1	Biogen, Inc.	Oct. 18, 1990		
	B33	wo	91/07987	A1	Immunomedics, Inc.	Jun. 13, 1991		
	B34	WO	91/10741	A1	Cell Genesys, Inc.,	Jul. 25, 1991		

^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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					Complete if Known	
Substitute for fo	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet 3 of 33		Application Number	10/588,323		
INFO	DEMATION	חופר	CLOSURE	Filing Date	February 7, 2005	
				First Named Inventor	MAGILAVY	
	PLICANI	Group Art Unit	1644			
	(Use as many sheet	s as ne	cessary)	Examiner Name	Unassigned	
Sheet	3	of	33	Attorney Docket Number	253780	

				FOREIG	ON PATENT DOCUMENTS			
Examiner Initials		F	oreign Patent Documer	nt			Translation	
	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*
	B35	wo	91/11461	A1	Biogen, Inc.	Aug. 8, 1991		
=	B36	WO	91/11194	A1	Biogen, Inc.	Aug. 8, 1991		
	B37	WO	92/07581	A1	Autoimmune, Inc.	May 14, 1992		
	B38	WO	93/06866	A2	Biogen, Inc.	Apr. 15, 1993		
	B39	WO	93/06852	A2	Biogen, Inc.	Apr. 15, 1993		
	B40	wo	95/24217	A1	Dana-Farber Cancer Institute	Sep. 14, 1995		
-	B41	WO	98/05357	A1	The Kennedy Institute of Rheumatology	Feb. 12, 1998		
	B42	WO	2002/060480	A1	Biogen, Inc.	Aug. 8, 2002		
	B43	wo	03/009740	A3	Biogen, Inc.	Feb. 6, 2003	<u> </u>	

	,	OTHER - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher,	Trans Yes	lation No*+
•	C1	city and/or country where published. ABRAHAM et al. (1990) "Interactions between lymphocytes and dermal fibroblasts: An in vitro model of cutaneous lymphocyte trafficking," Experimental Cell Research 190, 118-126		140
	C2	ABRAHAM, et al., (1991) "Expression and Function of Surface Antigens on Scleroderma Fibroblasts" Arthritis and Rheumatism 34(9):1164-1172.		-
	C3	ACTIS, et al., "Continuously Infused Cyclosporine at Low Dose Is Sufficient to Avoid Emergency Colectomy in Acute Attacks of Ulcerative Colitis Without the Need for High-Dose Steroids", Journal of Clinical Gastroenterology, vol. 17,No. 1, pp. 10-13, 1993.		- - - -
	C4	ADAMS, "How the Immune System Works and Why it Causes Autoimmune Diseases" Immunology Today, 1996 Jul.;17(7):300-2.		
	C5	ALBERT-WOLF, et al., "Immunomodulatory Properties of Soluble Recombinant Human CD58 (LFA-3) Molecules", Dev. Biol. Standard 77:87-92 (1992)		
	C6	ALBERTS et al., Molecular Biology of the Cell, 1994, Garland Publishing, Inc., New York, NY, pp. 1243, 1994.		
	C7	ALCOVER, et al., "Interdependence of CD3-Ti and CD2 Activation Pathways in Human T Lymphocytes", The EMBO Journal, vol. 7, No. 7, pp. 1973-1977, 1988.		:
	C8	ALORA, et al., "Narrow-band (311 nm) UVB Phototherapy: An Audit of the First Year's experience at the Massachusetts General Hospital", Photodermatology Photoimmunology & Photomedicine, vol. 13, pp. 82-84, 1997.		
	C9	ALTMAN et al. (1990) "Transfection of genes for cell surface products involved in antigen presentation-applications to the understanding of autoimmunity" Autoimmunity 7:213-220.		
	C10	ALTMEYER, et al. "Traitement Systemique Du Psoriasis Par Les Derives De L'Acide Fumarique", Ann. Dermatol. Venereol, vol. 123, pp. 838-841, 1996		
	C11	ALTSHULER, "Implications of Psoriasis as a New Disease", Dermatology, vol. 199, pp. 1-2, 1999.	·	
	C12	AMEEN, "Genetic basis of psoriasis vulgaris and its pharmacogenetic potential", Pharmacogenomics 4(3); 297-308 (2003)		

Examiner Signature

Date Considered

^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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	•				Complete if Known
Substitute for fo	rm 1449A/B/PTO			Application Number	10/588,323
INEC	FORMATION DISCLOSURE TATEMENT BY APPLICANT (Use as many sheets as necessary) 4 of 33	CLOSUPE	Filing Date	February 7, 2005	
				First Named Inventor	MAGILAVY
51A	I E IAI E IA I B A		PLICANI	Group Art Unit	1644
	(Use as many sheet	s as nec	cessary)	Examiner Name	Unassigned
Sheet	4	of	33	Attorney Dockét Number	253780

Evaminar	itials No (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher,						
Examiner Initials	No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*1			
	C13	ARBUCKLE, et al., "Psoriasis" Pediatrics in Review, 1998 Mar.;19(3):106-7.					
	C14	ARELLANO, "Risk of Cancer with Cyclosporine in Psoriasis" International Journal of Dermatology, vol. 36, No. 1, pp. 15-17, 1997.	-				
	C15	AREND, "The Pathophysiology and Treatment of Rheumatoid Arthritis" Arthritis & Rheumatism, vol. 40, No. 4, pp. 595-597, 1997.					
	C16	ARMITAGE, "Tests for Linear Trends in Proportions and Frequencies" Biometrics, 11, 375-386, 1955.					
	C17	ARTHOS, et al., "Identification of the Residues in Human CD4 Critical for the Binding of HIV", Cell, 57(3):469-481 (1989)					
	C18	ASADULLAH, et al., "IL-10 Is a Key Cytokine in Psoriasis", Journal of Clinical Investigation, vol. 101, No. 4, pp. 783-794, 1998.					
	C19	ASHCROFT, et al., "Clinical Measures of Disease Severity and Outcome in Psoriasis:A Critical Appraisal of their Quality" British Journal of Dermatology, vol. 141, pp. 185-191, 1999.		:			
	C20	ATCC Cell Lines and Hybridomas 8th Edition 1994 p. 420 only.					
	C21	BAADSGAARD et al. (1989) "Psoriac Epidermal Cells Demonstrate Increased Nos. and Function of Non-Langerhans Antigen-presenting Cells" J. Invest. Dermatol. 92:190-195.					
	C22	BANGHA et al., "Evaluation of Topical Antipsoriatic Treatment by Chromametry, Visiometry and 20-MHz Ultrasound in the Psoriasis Plaque Test", Skin Pharmacology, vol. 9, pp. 298-306, 1996.					
	C23	BANSIL, et al. "Multiple Sclerosis: Immune Mechanism and Update on Current Therapies" Annals of Neurology, 37 (S1): 87-101, 1995.					
	C24	BARBOSA et al. (1986) "Gene Mapping and Somatic Cell Hybrid Analysis Of The Role Of Human Lymphocyte Function-Associated Antigen-3 (LFA-3) in CTL-Target Cell Interactions" J. Immunol. 136 (8):3085-3091.					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Complete if Known
Application Number	10/588,323
Filing Date	February 7, 2005
First Named Inventor	MAGILAVY
Group Art Unit	1644
Examiner Name	Unassigned
Attorney Docket Number	253780

Evaminor	Doo	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	Trans	slation
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	C33	BELL, et al, "CD2 and the Regulation of T Cell Anergy", J Immunol. 1995 Sep. 15;155(6):2805-7.		
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	C44	BJERRING, et al., "Topical Treatment of Psoriatic Skin with Methotrexate Cream: A Clinical, Pharmacokinetic, and Histological Study", Acta Derm Venereol (Stockh), vol. 66, pp. 515-519, 1986.		
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				First Named Inventor	MAGILAVY	
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Examiner Initials	No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+				
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,	C78	COHEN, et al., "Immunomodulatory Agents and Other Medical Therapies in Inflammatory Bowel Disease" Current Opinion in Gastroenetrology, vol. 11, pp. 321-330, 1995.									
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e e e	C83	COOPER (1990) "Immunoregulation in the Skin" Current Problems in Dermatology 19:69-80.									
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	C87	COSOMI et al.; "Prolonged survival of nonhuman primate renal allograft recipients treated only with anti-CD4 monoclonal antibody" Surgery, 108 (2): 1990 pp. 406-414).							
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-	C104	DENNING et al. (1987) "Monoclonal Antibodies to CD2 and Lymphocyte Function- Associated Antigen 3 Inhibit Human Thymic Epithelial Cell-Dependent Mature Thymocyte Activation" J. Immunol. 139(8):2573-2578.	•	
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	C123	EKBORN, et al., "Crohn's Disease After In-Utero Measles Virus Exposure", The Lancet, vol. 348, pp. 515-517, 1996.				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 11 33

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Application Number	10/588,323		
Filing Date	February 7, 2005		
First Named Inventor	MAGILAVY		
Group Art Unit	1644		
Examiner Name	Unassigned		
Attorney Docket Number	253780		

Evenines	OTHER - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item					
Examiner Initials	Doc. No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+		
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INFORMATION DISCLOSURE				First Named Inventor	MAGILAVY	
STATEMENT BY APPLICANT				Group Art Unit	1644	
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Sheet	12	of	. 33	Attorney Docket Number	253780	

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	C167	GORDON, et al., "Treatment of psoriasis with alefacept", Arch. Dermatol. 139: 1563-1570 (2003)			
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	C170	GREENBERG, et al., "Oral Budesonide for Active Chrohn's Disease", The New England Journal of Medicine, vol. 331, No. 13, pp. 836-845, 1994.			
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			cessary)	Examiner Name	Unassigned	
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				Group Art Unit	1644	
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	C215	International Application No. PCT/US89/03652, dated February 7, 1990		
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INFO	INFORMATION DISCLOSURE		CLOSURE	Filing Date	February 7, 2005	-		
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International Application No. PCT/USS9/2/08755, dated July 8, 1993		No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*
C219 INTERNATIONAL SEARCHING AUTHORITY, International Search Report for International Application No. PCT/US99/20026, dated May 8, 2000 C220 INTERNATIONAL SEARCHING AUTHORITY, International Search Report for International Application No. PCT/US02/02314, dated June 11, 2002 C221 INTERNATIONAL SEARCHING AUTHORITY, International Search Report for International Application No. PCT/US02/21631, dated June 25, 2003 C222 INTERNATIONAL SEARCHING AUTHORITY, International Search Report for International Application No. PCT/US02/216265, dated October 26, 2005 C223 INTERNATIONAL SEARCHING AUTHORITY, International Search Report for International Application No. PCT/US05/15265, dated October 3, 2005 C224 INTERNATIONAL SEARCHING AUTHORITY, International Search Report for International Application No. PCT/US05/03907, dated October 3, 2005 C225 INTERNATIONAL SEARCHING AUTHORITY, International Search Report for International Application No. PCT/US05/03907, dated October 3, 2005 C226 IPTERNATIONAL SEARCHING AUTHORITY, International Search Report for International Application No. PCT/US05/39070, dated April 27, 2007 C226 IP, et al., Structural Characterization of the N-Glycans of a Humanized Anti-CD18 Murine Immunoglobulin G, Archives of Biochemistry and Biophysics, vol. 308, No. 2, pp. 387-399, 1994. C227 ISAACS, et al., "Humanized Anti-CD4 Monoclonal Antibody Therapy of Autoimmune and Inflammatory Disease", Clinical and Experimental Immunology, vol. 110, pp. 158-166, 1997. C228 JEFFERIS, and Lund, "Glycosylation of Antibody Molecules: Structural and Functional Significance", Chemical Immunology, vol. 65, pp 111-113, 1997 C229 JEMEC, and Wulf, "The Applicability of Clinical Scoring Systems: SCORAD and PASI in Psoriasis and Atopic Dermatitis", Acta Derm Venereol (Stockholm), vol. 77, pp. 392-393, 1997. C230 JENKINS, et al., "CD28 Delivers A Constimulatory Signal Involved in Antigen-Specific IL-2 Production by Human T Cells", The Journal of Immunology, vol. 147(8), pp. 2461-2466, 1991. C231 JOHNSCN, "On Teaching Dermato		C218		:	
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^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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Substitute for form 1449A/B/PTO				Application Number	10/588,323
INEC	INCITABION.	חופר	CLOCHE	Filing Date	February 7, 2005
				First Named Inventor	MAGILAVY
SIA	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	PLICANI	Group Art Unit	1644	
	(Use as many shee	ts as ne	cessary)	Examiner Name	Unassigned
Sheet	16	of	. 33	Attorney Docket Number	253780

Examiner	Doc.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	Trans	slation
Initials	No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+
	C237	KANG, et al., "Calcipotriene-Induced Improvement in Psoriasis is Associated with Reduced Interleukin-8 and Increased Interleukin-10 levels within Lesions", British Journal of Dermatology, vol. 138, pp. 77-83, 1998.		
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Substitute for fo	rm 1449A/B/PTO			Application Number	10/588,323
INEC	RMATION I	חופר	COSURE	Filing Date	February 7, 2005
				First Named Inventor	MAGILAVY
STATEMENT BY APPLICANT				Group Art Unit	1644
	(Use as many sheet	s as nec	cessary)	Examiner Name	Unassigned
Sheet	17	of	33	Attorney Docket Number	253780

	Dag	OTHER - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	Trans	slation
Examiner Initials	Doc. No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 10/588,323

Filing Date February 7, 2005

First Named Inventor MAGILAVY

Group Art Unit 1644

Examiner Name Unassigned

Attorney Docket Number

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253780

	1 _ 1	OTHER - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	Trans	slation
Examiner Initials	Doc. No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*
-	C380	PETERSON (1987) "Monoclonal Antibody And Ligand Binding Sites Of The T Cell Erythrocyte Receptor (CD2)" Nature 329:842-846.	!	
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Application Number	10/588,323			
Filing Date	February 7, 2005			
First Named Inventor	MAGILAVY			
Group Art Unit	1644			
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Evaminor	Doc. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item						
Examiner Initials	No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No**			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	MAGILAVY
				Group Art Unit	1644
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Sheet	26	of	33	Attorney Docket Number	253780

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Initials	No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+				
	C418	ROSE, et al. "Humoral immune responses after cardiac transplantation: Correlation with fatal rejection and graft atherosclerosis", Surgery 106(1):203-208 (1989)) } }				
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	Daa	OTHER - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	Trans	slation
Examiner Initials	Doc. No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+
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	C471	STERN, "Narrowband UV-B and Psoriasis", Arch Dermatol, vol. 133, pp. 1587-1588, 1997.		
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Examiner Signature	Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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,	Complete if Known
Application Number	10/588,323
Filing Date	February 7, 2005
First Named Inventor	MAGILAVY
Group Art Unit	1644
Examiner Name	Unassigned
Attorney Docket Number	253780

	OTHER - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item		Translation	
Examiner Initials	Doc. No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+
	C490	TRAUNECKER et al., "Soluble CD4 molecules neutralize human immunodeficiency virus type 1", 1988, Nature, vol. 331;84-86.		
	C491	TRAUPE, "The Puzzling Genetics of Psoriasis", Clinics in Dermatology, vol. 13, pp. 99-103, 1995.		
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Substitute for form 1449A/B/PTO	Application Number	10/588,323	
INFORMATION DISCLOSURE	Filing Date	February 7, 2005	
	First Named Inventor	MAGILAVY	
STATEMENT BY APPLICANT	Group Art Unit	1644	
(Use as many sheets as necessary)	Examiner Name	Unassigned	

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Examiner	iner Doc. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item		Translatio	
Initials	No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*⁴
	C507	VAN KOOYK, et al., "Enhancement of LFA-1-Mediated Cell Adhesion by Triggering through CD2 or CD3 on T Lymphocytes", Nature, vol. 342, pp. 811-813, 1989.		
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	C525	WATANABE, et al., "Effect of recombinant soluble CD4 in rhesus monkeys infected with simian immunodeficiency virus of macaques", Nature 337:267(1989) (cited for argument)		
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T1 - 15 - 16 - 1		WEINBLATT, et al., "Methotrexate for Chronic Diseases in Adults", The New England Journal of Medicine, vol. 332, No. 5, pp. 330-331, 1995.		
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<u>,</u>	C535	WENDLING, et al. "Therapeutic Use of Monoclonal Anti-CD4 Antibody in Rheumatoid Arthritis", J. Rheum. 18(3): 325-7 (1991)) (abstract only)		
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	C538	WHITMORE, and Morison, "Melanoma after PUVA Therapy for Psoriasis", The New England Journal of Medicine, vol. 337, No. 7, pp. 502, 1997.		
	C539	WILLKENS, et al., "Randomized, Double-Blind, Placebo Controlled Trial of Low-Dose Pulse Methotrexate in Psoriatic Arthritis", Arthritis and Rheumatism, vol. 27, No. 4, pp. 376-381, 1984.		
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Sheet 33 of 33

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	C543	WONG, et al., "Mechanisms of action of cyclosporine A in the treatment of psoriasis", Immunol. Today 14(2):69-74 (1993).		
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